

PATENT NUMBER

U.S. UTILITY Patent Application

O.L.P.E.

PATENT DATE

SCANNED

Q.A

4/7

| | | | | | |
|------------------------------|------------|--------------|------------------|--------------------------|---------------------------|
| APPLICATION NO. 09/847390 | CONT/PRIOR | CLASS 707 | SUBCLASS 103R | ART UNIT 2171 2177 | EXAMINER (Kainan) dila |
|------------------------------|------------|--------------|------------------|--------------------------|---------------------------|

APPLICANTS

Ming Hao
Umeshwar, Dayal.
Meichun Hsu
Markus Gross

TABLE

Method and system for web-based visualization of directed association and frequent item sets in large volumes of transaction data

PTO-2040
12/89

ISSUING CLASSIFICATION

| ISSUING CLASSIFICATION | | | | | | | | | |
|-------------------------------------|--|-----------------|--|---------------------------|--|--|--|--|--|
| ORIGINAL | | | | CROSS REFERENCE(S) | | | | | |
| CLASS | | SUBCLASS | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | |
| | | | | | | | | | |
| INTERNATIONAL CLASSIFICATION | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

☐ Continued on Issue Slip Inside File Jacket

| | | | | | |
|--|--|-------------|------------|-----------------------------------|----------------------|
| <input type="checkbox"/> TERMINAL DISCLAIMER | DRAWINGS | | | CLAIMS ALLOWED | |
| | Sheets Drwg. | Figs. Drwg. | Print Fig. | Total Claims | Print Claim for O.G. |
| <input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed. | _____ (Assistant Examiner) (Date) | | | NOTICE OF ALLOWANCE MAILED | |
| | | | | | |
| <input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____ _____ _____ | _____ (Primary Examiner) (Date) | | | ISSUE FEE | |
| | | | | Amount Due | Date Paid |
| <input type="checkbox"/> The terminal ____months of this patent have been disclaimed. | _____ (Legal Instruments Examiner) (Date) | | | ISSUE BATCH NUMBER | |
| WARNING: The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only. | | | | | |

Form **PTO-436A**
(Rev. 6/89)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM
(Attached in pocket on right inside flap)

(FACE)

Best Available Copy